



# Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 22

OAK RIDGE, TENNESSEE

Tuesday, June 7, 1949

## SIXTH SAVINGS PLAN OPENS JULY 1

### Cards Being Distributed To Eligible Employees In Plant This Week

Application and Deduction Authorization cards covering the Sixth Carbide Savings Plan are being distributed to eligible Y-12 employees this week. The Sixth Carbide Savings Plan becomes effective July 1 and is scheduled to cover a two-year period.

The cards will be accompanied by instructions on how to fill them out to insure eligibility to participate in the Carbide Savings Plan. Assistance will be given any employee desiring it in applying for participation in the plan.

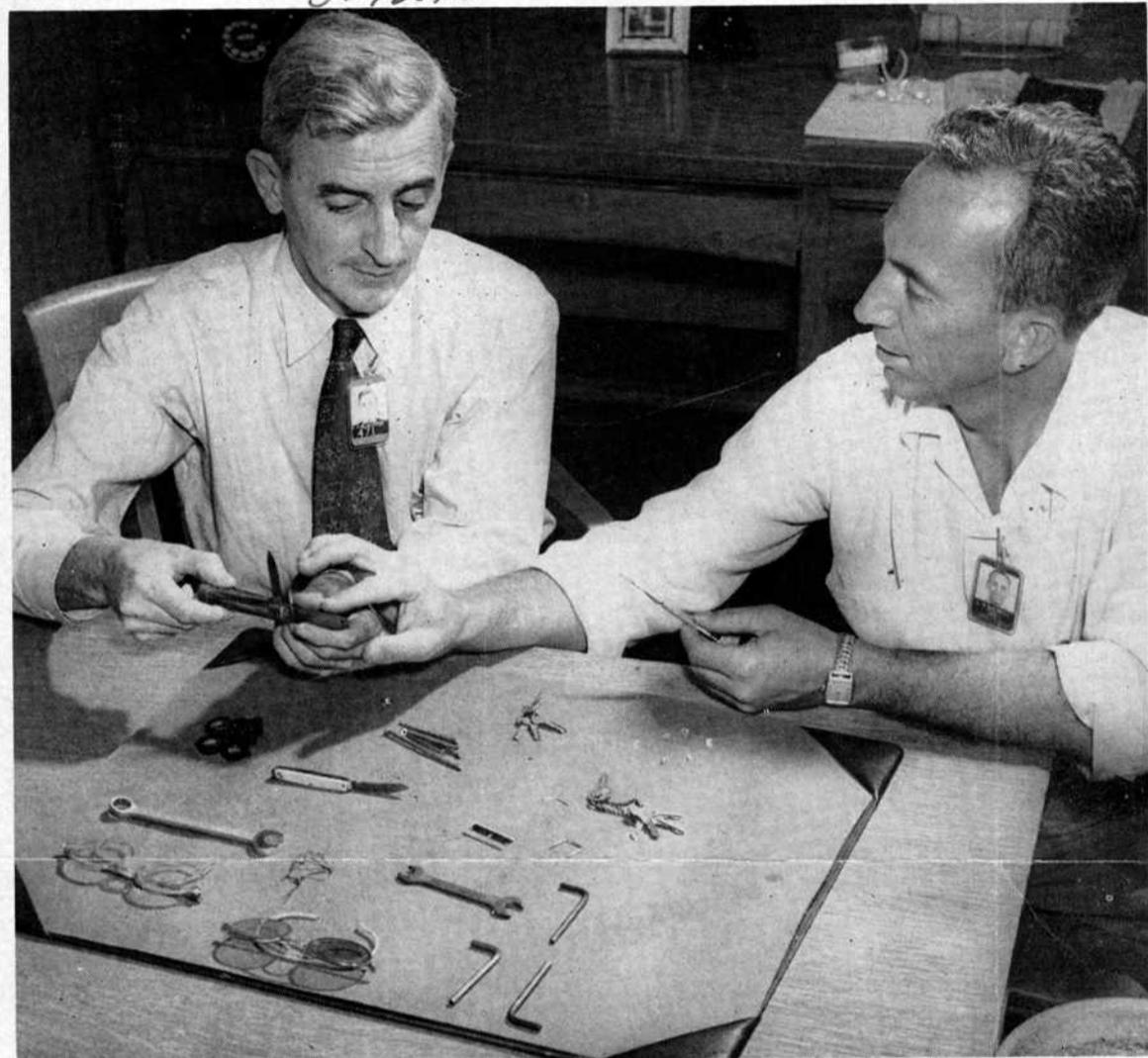
To be eligible to participate in the Sixth Carbide Savings Plan an employee must have been on the Company payroll for more than one year prior to July 1, 1949.

In order to be enrolled in the Sixth Carbide Savings Plan, the Application and Deduction Authorization cards must be returned by Friday, June 24.

As in previous savings plans operated by the Company, the Sixth Carbide Savings Plan provides for payroll deductions of not less than 50¢ weekly or \$2 per month and not more than \$7 per week or \$30 per month. To these deductions the Company adds from 10 to 30 per cent, based on length of Company service, plus two per cent, compounded annually. At the end of the two-year period the employee receives the full amount.

The first deductions under the Sixth Carbide Savings Plan will be made on pay checks for weekly and hourly employees delivered July 8. Monthly salaried employees will have the first deduction made on the July pay checks delivered July 26.

Participation in the Sixth Carbide Savings is voluntary on the part of all employees and employees who resign, are laid off or leave the Company for any other reason will receive proportionate returns of money paid in.



Y-12 Photos By Vince Moore

C. A. McALISTER, LEFT, Y-12 LAUNDRY FOREMAN, AND LEE BAGWELL, OF THE Safety Department, look over a large variety of articles found in clothing sent to the plant laundry for cleaning. They range from open knives to broken glass (seen under Bagwell's left hand.)

### Articles Left In Clothing Prove Hazards To Laundry Employees

The job of a laundry worker anywhere is far from exciting but these unsung employees in the work of keeping humanity's clothes clean are beset by numerous occupational hazards. Many of these hazards, however, are not of the making of the laundry employee, but of thoughtless patrons who leave odd and varied articles in pockets of garments that

can cause injury to the men and women who handle the clothing prior to, during and after washing and cleaning.

In numerous instances, laundry customers leave articles of value in their garments in addition to harassing items such as knives, tools and other gadgets that can cause cuts to persons handling the clothing. However, in the case of modern laundry operation, few of these misplaced articles are ever listed as permanently lost if owners call for them—although at times the laundry employees wish they had been lost before they were carelessly left in the clothing sent out for cleaning.

#### Y-12 Laundry No Exception

The plant laundry in Y-12 is no exception to the rule in receiving a conglomeration of articles left in pockets of clothing issued to employees and sent in periodically for cleaning. Laundry Foreman C. A. McAlister has reported numerous minor cuts and lacerations suffered by laundry employees from sharp articles in pockets.

Last week he assembled an average assortment of such articles that had been taken from pockets of trousers, shirts and coveralls sent in by employees. The list included broken glass, nails, bent pins, bits of twisted wire, an instrument screwdriver with a sharp point, two

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### Employees Maintain Fine Attendance Mark

Employees of Y-12 maintained their record-breaking attendance mark for the second straight week when reports showed that the absentee figures for the week ending May 29 were only 1.8 per cent, the same as for the preceding week. This mark is the lowest since the present system of attendance accounting was established.

Seven departments in the Minor League reported perfect attendance for the week ending May 29 and three Major League departments had less than one per cent of their personnel absent to contribute to the excellent plant-wide mark.

Dept. A17N, Buildings and Grounds, took a big leap from seventh place to first in the Major League, displacing Dept. A14N, Electrical Equipment Repair and Maintenance. Dept. A17N reported only .21 of its personnel absent. Dept. A14N, in first place for the three preceding weeks, bettered its record of the previous week and had an absentee mark of only .24 per cent but still was forced to be content with second place. The Guards of Dept. A12G maintained third place in the Major League with only .8 per cent of its members absent.

Of the seven departments in the Minor League with perfect attendance records for the week ending May 29, only three were repeaters from the previous week. They were Dept. A19N, Laundry; M12S, Steam Plant; and Dept. A13N, General Utilities and Standby. The other

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### Y-12 Chemists To Present Papers, Aid In Planning ACS Meeting

Two Y-12 chemists will present papers and several others will take active parts in arrangements for the coming week-end Southeastern Regional Meeting of the American Chemical Society in Oak Ridge. The session is expected to be the largest gathering of scientists ever held in the Atomic City and will draw some 500 persons, about half of whom will be from out of town. Some of the nation's leading scientists are on the program for the two-day meeting scheduled for Friday and Saturday.

The papers will be presented by Warren Grimes and Charles Barton. Both will be given at the Division of Analytical Chemistry sessions. Grimes' topic is Microdetermination of Aluminum while Barton's subject is Photometric Determination of Available Phosphate in Fertilizers.

Dr. C. E. Larson, Y-12 Superintendent, will participate in the discussion panel at a forum on chemical education set for the closing day of the meeting.

#### House Heads Arrangements Group

The important post of chairman of the arrangements committee is held by H. P. House. J. E. Lee, Jr., also is a member of this committee and will have charge of the public address systems and recordings used at the meeting. Lee will be assisted by W. W. Lukeman and A. A. Palko.

L. J. Brady is a member of the publicity committee for the meeting of the chemists and will supervise use of projection equipment used at the regional session. He will be assisted in this work by G. N. Andianigian. J. W. Robinson, another member of the arrangements committee, will have charge of properties used in the meeting.

#### Women Aid In Registration

Helen Grady, Janet Cisar and Nancy Doane will assist in registration of guests and dispensing of information to visitors. Joe Williams will have charge of all dis-

play cards and posters used in the session.

Jesse M. Herndon, Superintendent of the Y-12 Chemical Division, will be in charge of the social hour to be given for the visitors while Boyd Weaver will supervise details of admissions to the various divisional meetings and general sessions of the convention.

#### Many Visitors Are Expected

House stated last week that more than 100 requests for hotel reservations have been received from visiting scientists for the regional

(Continued On Page 4)

### SAFETY SCOREBOARD

Your Plant Has  
Operated  
36 DAYS  
Without A Lost Time  
Accident  
THROUGH JUNE 2

### ORHA Sets Waiting Period After July 1

Y-12 employees who have been on the payroll for more than 31 days and who apply for membership in the Oak Ridge Health Association on or after July 1, 1949, will have a three-month waiting period before their policies become effective, according to an announcement by directors of the Oak Ridge Health Association.

Re-enrollment after a cancellation will require the same waiting period of three months. Present members of the association who have eligible dependents and who wish to change to a family contract should do so before July 1 to assure immediate family coverage under the Oak Ridge Health Association plan.

Questions concerning the waiting period provision should be directed to the Y-12 Insurance Office, North Portal, telephones 7-8328 and 7264.

### STUDENT BUILDS BETATRON

Francis Jankowski, a graduate student of the University of Cincinnati, has constructed a betatron from materials costing about \$2,000, it is reported by the Denver Post.

# Y-12 Bulletin

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 GEORGE W. DOBBS . . . Editor  
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## Driving Permit Sale Will Begin June 17

Tennessee state driving licenses for operation of motor vehicles will be renewed in Oak Ridge from 11 a.m., Friday, June 17, through 7 p.m., Thursday, June 30; it has been announced by the Oak Ridge Department of Public Safety.

Licenses Cover Two Years  
 The new permits, covering a period of two years from July 1, 1949 to July 1, 1951, will be issued only on presentation of a valid permit now held by a driver. The permits cost \$1 each.

The permits may be obtained in Oak Ridge at the police department training school in rear of police headquarters on the corner of Oak Ridge Turnpike and Bus Terminal Road in the same location where state license tags were sold. The licenses will be on sale on Tuesdays through Saturdays from 11 a.m. to 7 p.m.

State Exams Every Wednesday  
 Drivers not now having Tennessee permits must obtain them by July 1 and must pass examinations given by the State Highway Patrol every Wednesday at patrol headquarters on East Division Road. These examinations are given from 9:30 a.m. to noon and 1 p.m. to 4 p.m. by state highway patrolmen; it is announced by Patrol Cpl. Roy T. Purkey, and must be taken by both new drivers and persons holding licenses issued in other states before a Tennessee permit is issued.

Corporal Purkey also pointed out that motorists moving to Tennessee from other states and making their residence here must obtain Tennessee motor vehicle license plates for their automobiles.

## AEP Summer Term Registration Open

Y-12 employees who wish to enroll in summer courses offered by the Oak Ridge Adult Education Program may do so any time this week, according to Archie Keller, director of the educational project. Classes started Monday, June 6.

Persons wishing information on the courses offered or to register may call at the Adult Education Program office in the high school building any day this week through Friday from 1 p.m. to 5 p.m. and 6:30 p.m. to 9 p.m. The telephone number is 5-2889.

One undergraduate credit course is being offered in the summer, Keller said. It is in Office Administration and pupils successfully completing the course may obtain usual university credit for the work. In addition, 10 graduate courses are offered.

A number of certificate courses are being presented. Among them are the popular driving training course and instruction in woodwork, ballroom dancing, typing and shorthand, refrigeration and piano. Others may be offered if there is sufficient demand, Keller said. High school courses are being given in English, history, civics, algebra and geometry.

### SYLVESTER IS CHARACTER

When Ernest Rowe, of Helena, Mont., takes Sylvester out for a walk he may be sure of meeting no similar Sylvesters. Rowe's Sylvester is patented. Sylvester is an educated dummy described as capable of walking, talking and having an accurate aim as a spitter. In the mood Sylvester also can sing or draw cartoons.

# Dr. Felbeck Earned Award For Aiding Navy Get Radar Insulation

Dr. George T. Felbeck, vice president of Carbide and Carbon Chemicals Corporation, who received the John Wesley Hyatt Award May 26 for distinguished achievement in plastics, earned the commendation for his work that resulted in creation of a plant during the war that supplied the United States Navy with plastic vitally needed for its radar program. News of the award was published last week in The Y-12 Bulletin but at that time no details were available.

Dr. Felbeck's achievements led to large-scale manufacture of polyethylene resins and plastics. Back

in 1942 the Navy was in need of large quantities of polyethylene for its radar equipment to keep the detection device operating under severe battlefield conditions.

The process evolved by Dr. Felbeck consists fundamentally of the pumping of ethylene to a pressure of approximately 30,000 pounds per square inch and maintaining it at that pressure under controlled temperature for the time necessary for polymerization.

In March, 1942, the Navy authorized construction of a pilot plant at the Tonawanda Laboratories. In July of the same year when the

product of this pilot plant was approved, the Navy requested Union Carbide and Carbon Corporation design, erect and operate a full-scale plant. This plant was required to supply the armed services with a minimum of 40 tons per month of high-molecular-weight material suitable for ultra-high frequency radar insulation.

Dr. Felbeck was in charge of design and engineering work and ground was broken for construction work November 21, 1942. On April 23, 1943, the first resin was produced and by the end of 1943 the plant had produced almost 1,000,000

pounds, or 50 per cent more than the initial demand of the Navy. Production of polyethylene advanced in 1944 to almost six times that of the previous year.

Dr. Felbeck is the eighth recipient of the John Wesley Hyatt Award, sponsored by the Hercules Powder Co. to honor Hyatt, father of the plastics industry. He also is the second Carbide and Carbon Chemicals Corporation scientist to receive the citation as Dr. Stuart D. Douglas, assistant research director in charge of plastics, received the award in 1943.

## Strictly Confidential..

T. D. Doyle, Dept. A13S, was among the spectators at the Speedway races in Indianapolis, Ind., last week. Incidentally Doyle has missed only two Speedway races since 1926.

Jesse Durrett, Dept. A12R, is vacationing in Nashville. Willie Braden is back on the job after a quiet vacation with his family in Oliver Springs.

Irene Turner, Dept. A12M, and her husband, Hugh, former Y-12 employee, spent last week visiting with friends and relatives in Charlottesville, Va. Leroy Thornton was called to Brownsville, Pa., because of the illness of his father. The department extends get well wishes. Kay Orton made a week-end trip to Charlottesville, Va. While there she visit Jean Raines, a former Y-12 employee, who is recovering from an illness at the Blue Ridge Sanatorium. Jean says her condition is much improved. Yale Payne was reported on the sick list last week.

C. S. Huffman, Dept. A14J, and his family visited in Paducah, Ky., and Memphis during a recent week end. E. C. Cox and his family motored to Nashville. Johnny Webb and his family made a sojourn to McMinnville. U. R. Kirk was on the vacation list last week.

Opal Griffin, Dept. A12L, was in Albany, Ga., last week visiting with her sister.

L. M. "Shorty" Stephens, Dept. A12S, spent a recent week end roughing it near Tellico Plains on the trout streams and reports a catch of nine rainbow trout. A. V. Bible and his wife returned recently after vacationing in Miami Beach Fla. While there Bible went deep sea fishing and proudly reports he caught a dolphin, known as a rainbow fish because of their varied colors, weighing 18 pounds. Paul Snodgrass and his family spend a recent week end with relatives in Johnson City. W. C. Anderson visited with relatives in Boma, Tenn. A. K. Self is on the vacation list.

L. E. Wilson, Dept. H12L, is vacationing with relatives in Durham, N. C., and plans to visit White Lake, N. C., during the latter part of the week.

Lawrence Walker, Dept. A13N, is on the vacation list.

Over a recent week end J. C. Ezell and C. C. Haws and their wives packed up their fishing equipment and motored to Fontana Lake for a week end of angling and returned home with their limit in rainbow trout. Bill Carruthers and his wife went rainbow trout fishing at Tellico Plains recently and reported good luck. Howard Campbell visited his home in Elizabethton recently and reported the rainbow trout are really huge down that way. During the week end one of his friends caught a rainbow weighing 11 and one-third pounds. Robert A. Francis spent last week beautifying his home near Kingston.

E. W. Koons and M. P. Crews, Dept. A20N, and M. E. Kitchen and J. R. Joslin, Dept. A14N, motored to Panama City, Fla., over a recent week end. U. G. Riddle is back on the job after vacationing. J. F. Baker returned recently after vacationing in Cleveland, Tenn. Get well wishes are extended to L. C. Martin and John Finger who were reported on the sick list last week. The welcome mat is out to A. D. Cotton who is back on the job after an extended illness. J.

E. Holbert and W. J. Wanamaker and their families made a week-end trip to Asheville, N. C.

Spence Wallace, Dept. M12P, and his family were in Chattanooga last week on vacation. Bill Wright and his family spent a recent vacation taking in the sights at Gatlinburg. Charles Bridges is back on the job after an extended illness. Vernon Huddleston and his family spent last week visiting with relatives in Jellico, Tenn.

P. E. Gibson and F. F. Lay, Dept. A12G, are on the vacation list.

V. L. Saine, Dept. H12D, made a week-end trip to Manchester, Tenn. J. D. Redman visited with his parents in Oakland City, Ind.

Ernie Cobble, Dept. A17N, and his wife, Lillie, of Dept. A12D, made a week-end trip to Kingsport, Tenn., to visit relatives.

Dr. Paul D. Scofield, of the Y-12 Medical Department, and his wife left over the week end for Atlantic City, N. J., where he will attend the American Medical Association convention this week. Mrs. Scofield is a member of the Woman's Auxiliary of the Roane County Medical Society. Dr. Anne W. Robinson, also of the Y-12 Medical Department, is the proud grandmother of twin girls born May 26 at Minneapolis, Minn. Parents of the youngsters are Theodore Robinson, formerly of Y-12, son of Dr. Robinson, and his wife. The little girls weighed four pounds and 12 ounces and four pounds and 11 ounces and were named Jo Ann and Mary Beth. Paul Posey, janitor in Dept. A12D, was in Newport, Tenn., last week vacationing with relatives.

Pfc. Hugh Ross, of the Army Air Force, son of L. H. Ross, Dept. A12S, is visiting with his parents in Oak Ridge while on furlough. Pfc. Ross is stationed in Wichita Falls, Tex. Katherine Jenkins, Dept. A12S, and Birdie Tibbatts, wife of Nelson Tibbatts, Dept. A12N, attended the WIBC meeting in Chattanooga over the week end.

## Courtesy, Law Makes Dimming Lights Required

The importance of courtesy while driving any kind of motor vehicle was tragically brought out recently in an official report of a collision near Greeneville, Tenn.

The driver of one automobile was blinded by lights of another car approaching from the opposite direction. The driver put on his brakes hard. The car went into a skid. The vehicles then collided.

A young woman was killed—three other persons were seriously injured and both automobiles were demolished.

Many traffic accidents are the result of the failure of one of or both drivers of approaching vehicles to properly dim their headlights. It should not be a matter of merely obeying the law—it should be a second-nature act of courtesy to dim lights in meeting oncoming traffic.

It might save a life—even your own.

### MOST DIVORCES CHILDLESS

Divorce records of recent years reveal that about three-fifths of the marriages legally dissolved were childless.



Miss Jeanne Claire Vehr



Miss Ann Frances Ramey

## J. M. Herndon On Advisory Committee Of Ridge Chest

Jesse M. Herndon, Superintendent of the Y-12 Chemical Division, is a member of the advisory committee of the Oak Ridge Community Chest that will assist Mrs. Dana W. Nance as general chairman of the Chest campaign to be held in Oak Ridge next autumn. The announcement was made by Frank W. Wilson, president of the Community Chest.

Other members of the advisory committee include T. E. Lane, McKie Alexander, A. H. Gossard and Wilson.

Mrs. Nance was elected to the board of directors of the Community Chest when the organization was formed in 1946 and has served continuously on the board since that time. Last year she served as chairman of the public relations committee of the Chest.

## Lee Will Present Record Concert

Joseph E. Lee, Jr., Dept. H12D, will present a program of operatic, organ and piano selections in the June 9 concert of the Oak Ridge Music Listening Group. The concert will be held at 8 p.m. in the East Lounge of the Ridge Recreation Hall and the public is invited.

Vladimir Horowitz will be the featured piano soloist in a rendition of Mussorgsky's "Pictures At An Exhibition." Several selections from "Carmen," by Bizet, will follow. The program will be concluded with the eight "Little Preludes and Fuges," by Bach, in a new technichord recording.



### KENNEDY — VEHR

Mr. and Mrs. Francis R. Vehr, of Roanoke, Va., have announced the engagement of their daughter, Miss Jeanne Claire Vehr, a Y-12 employee in Dept. M12M, to John Lee Kennedy, Jr., son of Mr. and Mrs. John L. Kennedy, also of Roanoke. The place and time of the wedding, which will be held sometime in the fall, will be announced later.

The bride-elect graduated from Villo Madonna Academy, Covington, Ky., and from Mount St. Joseph College in Ohio, and is a member of the Phi Mee Sorority. Kennedy graduated from Knoxville Catholic High School and is a senior at the University of Tennessee where he is a member of the Sigma Chi fraternity.

### WATCHER—RAMEY

Many friends of Miss Ann Frances Ramey, former Y-12 employee and daughter of H. O. Ramey, Employment Department Superintendent; will be glad to hear of her engagement to John Wells Wachter. He is a student at the California Institute of Technology.

The wedding will be held at 4 p.m., Saturday, June 11, at the Chapel-On-The-Hill in Oak Ridge. A reception will be held at 4:30 p.m. at the Guest House.



Four births were reported at the Oak Ridge Hospital to Y-12 families recently. Parents were Mr. and Mrs. Elmus C. Lynn, a daughter, May 26; Mr. and Mrs. Arthur R. Brown, a son, May 28; Mr. and Mrs. Paul H. Williams, a son, May 31; Mr. and Mrs. Francis D. Bender, a daughter, June 1.

## Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Howard J. Finger, Dept. A20N; Fred D. Williams, Dept. A16N; Phyllis M. Finneran, Dept. A12P.

## Ridge Apartments Will Be Painted

Gastonia, Glendale, Goshen and Goldsboro apartments in Jefferson Circle in Oak Ridge, two efficiency apartments on Broadway and one on East Tennessee Ave. will be painted in the near future. Low bid for the work of \$19,393 was submitted by the McClary Construction Co., Panama City, Fla. The painting project is scheduled for completion within 120 calendar days after the contract is approved by the Atomic Energy Commission and Roane-Anderson Co. The exterior of the four Jefferson Circle apartments are to be refinished and both the interior and exterior of the efficiency units are to be painted.

### WATER IS NECESSITY

Everyone should have from four to eight glasses of water daily, say experienced nutritionists of the Metropolitan Life Insurance Co.

# SPORTS NEWS IN Y-12

## Cardinals Meet Vets Tonight; Hubs Monday

Still playing head-up baseball and hoping for a soldering iron to mend a leaky defense, the Y-12 Cardinals will take the Oakwood Park No. 1 field at 8:15 o'clock tonight, Tuesday, June 7, against the strong Veterans of Foreign Wars nine in an effort to better their Oak Ridge Baseball League standing. Prior to tonight's battle, the Cards have won one and lost two games in league play.

After the tilt tonight, the Red Birds are idle until Monday night, June 13, when they tackle their old rivals, the Hubs from K-25. This scrap also will be under the lights at Oakwood Park No 1 at 8:15 p.m. In the loop opener, Y-12 led the K-25 team for most of the game, only to lose in the final innings.

**Split Even In Thrillers**  
In games over the Memorial Day week end Boss Bill Burns' boys broke even in two thriller-dillers. On Sunday, May 29, they came from behind with a big eighth inning to tally eight runs and wallop the Atomic Energy Commission outfit by the score of 12 to 11. Coming back the next night they forced the Oak Ridge National Laboratory crew to 10 innings before the Labsters could win by 7 to 6.

The Cards showed lots of fight in each game to overcome big leads and over-anxiousness no doubt led to the posting of eight errors in each contest. With air tight fielding the Y-12ers probably would have won each clash easily.

**Kappelmann Hits Ball Hard**  
Against AEC Fred Kappelmann pitched the last five innings and allowed the Commissioners only four bingles. Kappelmann also slapped out three hits and scored two runs while Noe got two hits out of four trips to the plate and counted twice. Grimes and Guttery each got two for five.

In the ORNL scrap Kappelmann again was top hitter with three for five while Noe got two for four again. Emmett Moore banged out a home run in this engagement.

In four games played so far, three against league rivals and one against Lake City that was lost prior to opening of the loop season, five Y-12ers are batting above the .400 mark. Elmer Johnson and Warren Grimes are tied at .454 with five hits out of 11 trips to the plate. Fred Guttery has five for 12 with a percentage of .416. Kappelmann and Noe are tied at .410, the former getting nine blows out of 17 trips plateward and the latter seven out of 15.

**Cards Deserve Better Breaks**  
Although the final standing of teams is based on the won and lost records posted, an examination of figures in the four games played so far by the Cardinals show they deserved a better break. The Cards and their opponents have scored an equal number of hits, 45, but the opposition has outscored our side, 37 to 30. Some of those tallies resulted from the fact that Y-12 out-fumbled their foes, 21 to 15. The Cards have scored 33 to 31 singles, three to two in home runs against their opponents, are tied in two-base hits with seven and trail in three-baggers, two to five. The Red Birds and their foes each have obtained 14 walks and opposition batters have whiffed 32 times to 24 for Y-12. The opposition has earned 22 runs to 18 for Y-12 and had 33 men left on base to 32 for the Cards. In double plays Y-12 has recorded three to two for the opposition.

Line scores of the May 29 and May 30 games follow:

Team	R	H	E
AEC	122	600	000
Y-12	002	011	08x
Batteries: Y-12, Lister, Holt, Kappelmann and Noe. AEC, Jolly, Brown and Smith.			
ORNL	042	000	0001791
Y-12	000	020	2200698
Batteries: Y-12, Johnson and Noe. ORNL, Soard, Llewellyn and West.			

**NASTY—BUT NEEDED**  
Health experts agree that young children should have cod liver oil or one of the other fish liver oils every day for Vitamins A and D.

## Five Combines Are Undefeated In Golf Loops

Only five of the 24 teams in the three Y-12 plant golf leagues remained unbeaten in matches reported through June 1 as competition for the most part has been keen among the divot diggers.

In the Birdie League the Tiller-Grimes and Ratjen-Henderson teams have won three matches each. They are followed by Cain and Hooker with two and one. The Caldwell-Stetson and Keese-Mitchell combines in the Par League also have three victories and no losses while Peterson-Overholser have two wins. In the Bogey League there are no undefeated teams. Four teams are tied with two wins and one losses. They are Koontz - Lister, Ludwig - Cotton, Strohecker-Crouse and Orrison-McKay.

**Schedule For Next Week**  
The schedule for the week beginning June 13 follows:

**Birdie League**—Foster and Brown vs Olson and Nettle. Dunlap and Crews vs Barker and Doyle. Tiller and Grimes vs Cain and Hooker. Ratjen and Henderson vs Harris and Matlock.

**Par League**—Holzknecht and Adkins vs Herndon and Underwood. Reynolds and Bernander vs Bowles and Wiest. Keese and Mitchell vs Peterson and Overholser. Lavers and White vs Caldwell and Stetson.

**Bogey League**—Orrison and McKay vs Koontz and Lister. Sherrord and Seymour vs Duncan and Hubbard. Ludwig and Cotton vs Strohecker and Crouse. Tibbatts and Wanamaker vs Larson and Tilson.

**Recent Matches Reported**  
Matches reported since the last issue of The Y-12 Bulletin were:

**Birdie League**—Tiller and Grimes over Olson and Nettle, two and one. Tiller and Grimes over Foster and Brown, four and three. Ratjen and Henderson over Dunlap and Crews, three and two. Olson and Nettle over Cain and Hooker, three and one.

**Par League**—Holzknecht and Adkins over Lavers and White, one up. Peterson and Overholser over Bowles and Wiest, one up. Keese and Mitchell over Herndon and Underwood, five and four. Keese and Mitchell over Holzknrecht and Adkins, five and four. Lavers and White over Reynolds and Bernander, two up. Caldwell and Stetson over Bowles and Wiest, three and one.

**Bogey League**—Koontz and Lister over Strohecker and Crouse, one up. Orrison and McKay over Ludwig and Cotton, one up. Orrison and McKay over Tibbatts and Wanamaker, two and one. Ludwig and Cotton over Koontz and Lister, three and two.

## Y-12 Girls Blank K-25 On Courts; To Play ORNL

The Y-12 varsity women's tennis team continued its sizzling streak last Tuesday night by blanking the K-25 feminine racqueteers and will be in fine fettle and confident of blasting the Oak Ridge National Laboratory girls off the court in a league contest at 6 o'clock tonight June 7, at the Jefferson courts.

All of the Y-12 victories over the K-25 netters were in straight sets and in no match was a Y-12er forced to the limit.

In singles Joan Gilliam topped Stockton 6-4, 6-3; Mary Freestone defeated Jolly 6-1, 6-0; Helen Burkhalter whipped Boyd 6-4, 6-0 and Ann Hart won by a forfeit. In doubles Mozelle Rankin and Elizabeth Patrick trimmed Wade and Holmes 6-1, 6-2 while Virginia Spivey and Lovelle Thompson downed Moore and Burton 6-4, 6-3.

A gossip talks about others; a bore talks about himself; a brilliant conversationalist talks about you.

## Rippers Boost Lead In Y-12 Plant League

Barring infiltration of saboteurs from unfriendly groups or other unforeseen catastrophe the Rippers of the plant softball league will go into the second round of the first half of the season with a good lead and favored to take first half honors. Only three make-up games remain to be played in the first round before the second swing around the circuit begins on next Monday, June 13.

**Two Games Set Wednesday**

The loop leaders will meet Bldg. 9212 at 5:45 p.m. Wednesday night, June 8, at Administration Field in the first contest of a twin bill. The second clash at 7:15 p.m. will pit the Hit Balls against the One-91 team. Only one game is listed to complete the first round on Friday night, June 10, with the All Americans and One-91 combines clashing at 5:45 p.m.

When the second round opens next Monday at Administration Field the Y-12 women softballers will open festivities by playing at 5:45 p.m. At 7:15 p.m. the One-91 and All Americans will take up where they left off the preceding Friday night and the Bums and Bldg. 9212 will conclude the evening's entertainment at 8:45 p.m.

**Hit Balls Without Error**

Because of the Memorial Day holiday only three games went into the scorebook last week with one forfeit being recorded when Bldg. 9212 could not muster a full team to meet the All Americans. A 25 to 6 slaughter of the Isotopes by the Rippers was the highlight of proceedings. One errorless game was played, the Hit Balls going without a mistake in their 10 to 1 win over the All Stars. The Bums took a well-played 6-4 win over the Isotopes.

Line scores of games reported through last Wednesday and league standing at that time follows:

Team	R	H	E
Hit Balls	110	080	01080
All Stars	000	000	1133
Batteries: Hit Balls, Sise and Sherrord. All Stars, Higgins and Tilson.			
Isotopes	200	022	0686
Rippers	760	104	725231
Batteries: Isotopes, Killian and Frazier. Rippers, Gordon and Lowery.			
Bums	020	001	3672
Isotopes	200	020	0444
Batteries: Bums, Walton and Hale. Isotopes, Stukenbroeker, Killian and Frazier.			

Team	W	L	Team	W	L
Rippers	5	0	Bldg. 9212	2	2
All Amer.	3	1	All Stars	2	3
Isotopes	3	3	Hit Balls	2	3
Bums	3	3	One-91	0	5

## Women's Ladder Has One Change

Mozelle Rankin took one step up the women's tennis ladder last week, advancing from seventh place to sixth by defeating Elizabeth Patrick. Patrick dropped back to seventh. Helen Burkhalter challenged Mary Freestone but the latter defended her second place in the ladder successfully.

The ladder standing as of last Friday was topped by Joan Gilliam followed by Mary Freestone, Helen Burkhalter, Ann Hart, Phyllis Brown, Mozelle Rankin, Elizabeth Patrick, Virginia Spivey, Lovelle Thompson and Desma Hutchison.

## Welfare Council Chairmen Named

Seven committee chairman to serve groups in the Oak Ridge Welfare Council have been appointed by Jesse M. Herndon, of Y-12, chairman of the council. The committee heads are Rollin McKeehan, youth service; Bertis E. Caphart, thrift shop; Mrs. E. J. Allen, home economics; E. C. Cunningham, speakers bureau; Mrs. L. M. Groeniger, mental health; Hartley Schultz, dental care; and Mrs. Robert Olsen, social service exchange. A chairman for the public relations committee will be appointed later.



A PAIR OF PROUD FISHERMEN from Y-12 are shown above. In the top photograph T. D. Ogle, Dept. A12G, is shown with a string of rainbow trout caught by him and Bob Scott, a neighbor, while vacationing in the Smokies. Below is a picture of Shift Supervisor E. G. Richardson with a hefty large mouth bass caught way back in April 26. Incidentally, have you Y-12 fishermen been making plans to enter the fishing contest being held by the Recreation Office? If not, remember the rules published in last week's edition of The Y-12 Bulletin.

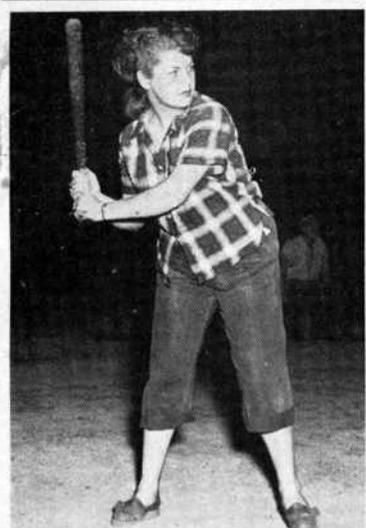
## Guardsman, Pal Hike 15 Miles To Catch Trout

Although the fine collection of fish pictured above are not eligible to participate in the Y-12 fishing contest that started last week because they were caught before the contest got underway, the photographs show what can be done with rod and line by Y-12 fishermen. Probably some of the finny tribe shown in the snapshots would have finished high in the final contest rating and what these anglers have done can be repeated by someone else—possibly even the employees shown here with their haul.

**Hiked 15 Miles To Stream**

That big string of rainbow trout proudly held by T. D. Ogle, of the Guard Department, was caught by Ogle and a neighbor, Bob Scott, on a recent vacation spent near Tremont, Tenn., in the Smokies. According to the story of the fishermen they really roughed it—making a 15-mile hike to a remote stream to wet their lines. Despite blistered feet the pair decided the trip was well worth the while, lots of fun and provided plenty of vigorous exercise. Of course, there were the angles of the big ones that got away—but Ogle and Scott had no trouble in bagging their limit of the trout.

Incidentally, Ogle makes all of his own trout flies and from the photographic evidence presented they apparently were most effective.



THERE WASN'T A POWDERED nose in the bunch, but who cared? Everybody had fun—particular these Y-12 girls—when they first turned out for softball play. Ruth Law, top, gets ready to slug one—hard. Ann Hamilton, center, blasts a blooper; but Helen Brown, bottom, is seen sprinting around the bases after socking the first home run of the season. The girls meet once each week and choose up sides to thoroughly enjoy themselves. Last week they held the strong ORNL City League team to a close score in their first scrap against outside opposition.

## Lab Girls Find Y-12 Softballers Hard Opponents

That bunch of energetic young women Y-12 employees who have been turning out every week to play scrub softball games with chosen up sides got their first taste of outside opposition last Wednesday night when they put up a most respectable showing against the Oak Ridge National Laboratory team of the City League. The Y-12 lassies battled hard all the way but bowed under a 15 to 10 loss.

Greater experience and power brought victory to the ORNL lassies as they scored 14 hits against seven for Y-12. The Y-12 girls also committed seven errors which didn't help the cause.

The ORNL outfit got away to a five run lead in the top half of the first inning and tallied four more in their half of the second. From there on out, however, the Y-12 feminine contingent held their own.

Team	R	H	E
ORNL	540	222	x15144
Y-12	052	012	x1077
Batteries: ORNL, Soard, Rose and Jackson. Y-12, O'Neal and Ward.			

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## Harry Hazard Shows Y-12ers The Wrong Way



Another "character" has joined the staff of The Y-12 Bulletin.

He is Harry Hazard, pictured above, who follows in the interesting footsteps of Izzy Dopey and Danny Dimwit, the two clucks whose ability to get themselves into trouble through not observing safety rules and principles served as excellent examples to all Y-12 employees what not to do on the job.

Harry Hazard is the product of the pen of M. L. Stephens, an instrument mechanic in Dept. A14N, and will be a regular feature of future issues of The Y-12 Bulletin. Stephens has done a lot of cartoon drawing as a hobby that also has proven profitable as he has had several of his cartoons published in the Saturday Evening Post, Collier's and other magazines.

Introducing his Harry Hazard, Stephens says:

"Folks, meet Harry Hazard. He's not new at Y-12. In fact, I guess he has been here as long as any of us. Safety rules of the plant are Harry's biggest problem and whenever you see a safety rule broken there you will find Harry Hazard. Harry is a pretty likeable fellow but not much of a guy to pattern your work after."

## Pictures Of Children Club Contest Subject

The Carbide Camera Club will hold its monthly meeting next Tuesday night, June 14, at 7:30 o'clock in club headquarters, Y-12 East Portal. The contest of the month will be for black and white prints on the subject of children.

### Entry Deadline Is Friday

Deadline for submitting entries is Friday night, June 10. The prints may be left at Taylor's Photo Shop or at the home of Nat Stetson, vice president of the club, 105 West Magnolia Lane. Entries are limited to three per person and must be of a minimum size of eight by 10 inches and mounted on 16 by 20 inch vertical mounts. The negative age shall be less than one year and each entry must be titled and data labeled on the back on the type of camera used, exposure, lighting, film and developer, paper and developer and toner, if any.

In addition to the print contest, an Ansco lecture on "Graininess" will be presented. This subject deals with problems of many amateur photographers in enlarging prints from small negatives. The topic will be presented by Frank Gordon, club member, and will be accompanied by slides illustrating the subject.

### Members Received Pointers

At the last meeting of the club an Eastman lecture on home phot-

## Articles In Clothing Hazard In Laundry

(Continued From Page 1)

knives (one of which was opened in a pocket) a razor blade, two or three wrenches, a magnifying glass and two pair of safety glasses. **Some Found Before Washing**

Some of the larger of the articles are detected when the clothing first reaches the laundry, McAlister says, as the garments are tossed onto a table before being placed in a washing machine. However, such items as razor blades might remain in a pocket throughout the 90 minutes the garments stay in the washing machines.

It is when the garments are removed and prepared for pressing that the lurking sharp articles cause the most injuries when laundry employees reach into pockets to smooth them out before ironing. Then the hidden razor blades, the broken glass or other sharp edged articles frequently cut fingers and hands of the laundry workers.

### Clothing Can Be Damaged

Not only are these sharp articles hazardous to laundry employees but they also can damage clothing in a washing machine if they work out of pockets. A sharp razor blade, for instance, could badly slash a tub full of clothes being whirled around at high speed for one hour and 30 minutes if the blade was free to be tossed around.

Other less harmful articles frequently are discovered in clothing at the plant laundry. Small sums of money often are found left in some of the four pockets provided in trousers and two in shirts of the issued clothing. In most cases of such items they fall out of the pockets during the agitation of the washing machine and are washed down the drain into the sewer.

### Magnifying Glass Is Repeater

This business of finding articles carelessly left in clothing is routine with McAlister now. In every case where articles are found before the clothing is placed in the washing machines they are listed and returned to the owners. Sometimes the same articles return to the laundry on more than one occasion—for instance the powerful three-lens magnifying glass of pocket size has made three trips to the laundry and has been returned on each occasion.

Partly consumed plugs of "chaw-in" tobacco" have frequently been found in clothing—but so far, and McAlister hopes the day will never come, no petrified frogs or snakes have been found curled in pockets of the garments issued to Y-12ers for their protection while at work.

## Increase In Length Of Life Is Seen

The Metropolitan Life Insurance Co. has reported that the outlook for further increasing the longevity of the American people is growing brighter every year. The company cites far-reaching advances of medical science and public health administration that already drastically have reduced infant mortality, tuberculosis, pneumonia and other diseases. Further gains can be expected, it is said. In addition, new methods of disease prevention and treatment are being developed and the company declares the future holds great promise of health achievement.

ography, stressing child photography, was presented and many club members are expected to utilize some of the points brought out in submitting prints for the contest next week.



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Y-12 Photos By Vince Moore

H. M. McLEOD, DEPT. H12D, IS SHOWN WITH HIS FINE IRIS IN THE GARDEN OF HIS home, 110 Porter Road. At left he is crossing the pollen of a Treasure Island bloom with that of the Golden Fleece, another popular variety of the colorful flower. At right is a close up of the Golden Fleece bloom. Both of these varieties are a brilliant yellow and white hue and, of course, the beauty of the coloring is lost in the photographs. However, the pictures show the delicate construction of the flowers and their size.

## Raising Iris Interesting Hobby Of Chemical Engineer In Y-12

The season for the blooming of iris, the highly prolific, spectacularly colored and ornamental flower that flourishes in Tennessee is over—but H. M. McLeod, a Y-12 chemical engineer in Dept. H12D, can look back over a period of several weeks of pleasure in enjoying his hobby of raising the beautiful blooms. Although there are numerous beds of iris scattered throughout Oak Ridge, McLeod is believed to have the largest area of ground planted in the blooms and the largest number of varieties in the Atomic City.

McLeod's interest in raising iris extends back over a period of 10 years—starting when he was employed with the Monsanto Chemical Co. in Columbia, Tenn.

### Beautified Monsanto Grounds

"I didn't know a pansy from a posey," he said in recalling how he was instructed by Monsanto to beautify the grounds surrounding the plant offices and buildings. However, he recommended the employment of a full time gardener who in turn proposed use of iris as a fast-growing and flowering shrub that would form a good foundation for the beautification work.

McLeod then became interested personally in growing iris and began experimenting and pollenating plants after he left Columbia and took up his residence at Wilson Dam. When he moved to Oak Ridge from Wilson Dam he brought numerous iris bulbs to continue his hobby.

### Has 1,000 Square Feet In Plants

Now at his residence, 110 Porter Road, McLeod has about 1,000 square feet planted in iris plants, of which he has about 50 name varieties. Like all iris growers, he is constantly experimenting in cross-breeding with the ultimate hope of developing a brand new variety to add to the 10,000 recognized types of hybrids listed by the American Iris Society. McLeod has had as many as 400 different varieties at one time.

During the flowering season, for instance, he crossed the pollen of a Treasure Island variety with that of a Golden Fleece specie. Both of these flowers are yellow and white with somewhat different shadings. The cross-breeding will result in a new flower having the combined features of each with possible solid coloring.

### Germination Is Speeded

McLeod is a member of the American Iris Society and he has sent some of his seed from crossed plants to Cornell University. There horticulturists using the excised embryo method of culture cut the time of germination of plants from a possible year to a period of months to determine if a really new flower has been created.

Cultivation of iris in Tennessee has long been popular, with the state capital city of Nashville being known as "The Iris City" in the spring because of the profusion of plants in all sections of the city. Fanciers come to Nashville from throughout the country to inspect some of the rarer types of flowers developed and displayed there in

## Employees Maintain Fine Attendance Mark

(Continued From Page 1)

four were Dept. A12D, Medical; Dept. A12A, Janitors; Dept. B12A, Superintendents; and Dept. A13W, Development Engineering. They rose from fourth, fifth, sixth and 10th places held the previous week.

Dept. A12W jumped from eighth place to second in the Minor League with an absentee mark of .6 per cent. Dept. A12N, General Maintenance Office, Planning and Estimating, in a first place tie the previous week, dropped to third with an absentee record of 1.1 per cent.

The Y-12 plant absentee record for the week ending May 29, by departments, follows:

Dept.	MAJOR LEAGUE	
	Percentage Absent	Standing 5-29-49 5-22-49
A17N	0.21	1 7
A14N	0.24	2 1
A12G	0.8	3 3
H12L	1.27	4 8
M12P	1.29	5 6
A16N	1.4	6 4
B13L	2.6	7 12
H12D	2.9	8 9
A12S	3.0	9 10
H12E	3.1	10 2
A20N	3.3	11 5
B12L	3.8	12 11

Group absentee percentage was 1.8 per cent, .2 per cent lower than the preceding week.

Dept.	MINOR LEAGUE	
	Percentage Absent	Standing 5-29-49 5-22-49
A19N	0.0	1 1
M12S	0.0	1 1
A13N	0.0	1 1
A12D	0.0	1 4
A12A	0.0	1 5
B12A	0.0	1 6
A13W	0.0	1 10
A12W	0.6	2 8
A12N	1.1	3 1
A14J	1.2	4 3
M15P	2.3	5 2
A13T	3.8	6 9
A12R	4.1	7 11
A12M	5.0	8 1
M12M	5.2	9 7
A12T	6.0	10 12

Group absentee percentage was 1.9 per cent, .5 per cent higher than the preceding week.

The plant average for the week ending May 29 was 1.8 per cent, remaining the same as the preceding week.

The man who rows the boat generally doesn't have time to rock it.

beds that cover large areas of ground.

Iris is generally a hardy sort of plant and blooms are in many colors, ranging from dark purple to blue, buff, yellow, white and combinations of these and other colors. They begin blooming in early March when the Regelia and Regelia Cyclus types break into flower and some types continue to bloom until late in May.

## Y-12 Chemists Active In Meeting Of ACS

(Continued From Page 1)

meeting. Other requests expected this week and visitors planning to stay in Knoxville and coming from nearby localities are expected to swell the out of town attendance around 250.

Opening registration will begin at 4 p.m. Thursday at the Guest House and continue at 8 a.m. Friday in the lobby of the high school auditorium where the opening general meeting will be held at 9:30 a.m. Feature addresses at the first general meeting will be at 10 a.m. by Harold C. Urey, of the Institute of Nuclear Studies of the University of Chicago; and at 11 a.m. by C. C. Hurd, former Carbide and Carbon Chemicals Corporation scientist at K-25 and now with International Business Machines Corp. Both will present invited papers.

### Bridge And Tea Planned

Divisional meetings will be held Friday afternoon with other activities including bridge and tea for women visitors at the East Lounge of the Ridge Recreation Hall. An inspection tour of Oak Ridge plants is on the schedule for 4 p.m.

The social hour will be held at 6:15 p.m. Friday followed by dinner at 7 p.m. at the Oak Terrace. Another general meeting is set for 8:30 p.m. Friday in the high school auditorium when Kenneth S. Pitzer, director of research of the Atomic Energy Commission, will present an invited paper.

### Meetings End On Saturday

The regional meeting will be concluded Saturday with divisional meetings set for 9 a.m. and a general meeting at 11:15 a.m. in the high school auditorium. This session will be a forum on chemistry curriculum in colleges and universities.

More than 50 papers will be presented at the divisional meetings on analytical, physical and inorganic, industrial and engineering, organic chemistry and chemical education. Experts in the various fields will speak at these sessions and from 12 to 15 exhibits are expected to be displayed in the science room of the high school.

Many members of the East Tennessee Section of the ACS, hosts of the regional meeting, give much credit for making plans to hold the Southeastern session in Oak Ridge to C. D. Susano, of Y-12, a former chairman of the East Tennessee Section. Susano now is a councilor of the section and Dr. C. P. Keim, Superintendent of the Y-12 Isotope Development Department, is an alternate councilor. Herndon is a member of the executive committee.

### NEW SIGHT DEVELOPED

A rifle telescopic sight that will penetrate fog and smoke, dense shadows and other obscurities has been patented, according to the National Patent Council. The special lens of the rifle sight also can be adapted to binoculars and surveyor's sights.